

## SEQUENCE LISTING

IAP20 Rec'd PCT/PTO 06 JAN 2006

&lt;110&gt; Valtion teknillinen tutkimuskeskus

&lt;120&gt; A method for cleaving proteins

&lt;130&gt; VTT138PCT

&lt;150&gt; 2001050

&lt;151&gt; 2003-07-09

&lt;160&gt; 30

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 1

Gly	Ser	Pro	Thr	Gly	Ala	Ser	Thr	His	His	His	His	His	Gly	Ser
1				5			10						15	

Pro	Thr	Gly	Ala	Ser	Thr	20
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&lt;210&gt; 2

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 2

Gly	Ser	Pro	Thr	Gly	Ala	Ser	Thr	Gly	Gly	Gly	Gly	Gly	Ser
1				5			10						15

Pro	Thr	Gly	Ala	Ser	Thr	20
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&lt;210&gt; 3

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 3

Gly Ser Pro Thr Gly Ala Ser Thr His His His His His His His Gly Ser  
1 5 10 15

Pro Thr Gly Ala Ser Thr  
20

&lt;210&gt; 4

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 4

Gly Ser Pro Thr Gly Ala Ser Thr Gly Ser Thr Gly Pro Ser Gly Ser  
1 5 10 15

Pro Thr Gly Ala Ser Thr  
20

&lt;210&gt; 5

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 5

Gly Ser Pro Thr Gly Ala Ser Thr His His His His Gly Ser Pro Thr  
1 5 10 15

Gly Ala Ser Thr  
20

&lt;210&gt; 6

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 6

Gly Ser Pro Thr Gly Ala Ser Thr His His Gly Ser Pro Thr Gly Ala  
1 5 10 15

Ser Thr

<210> 7  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> amino acid sequence  
<400> 7

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1 5 10 15

Gly Ser Pro Thr Gly Ala Ser Thr  
20

<210> 8  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> amino acid sequence  
<400> 8

Gly Ser Pro Thr Gly Ala Ser Thr His Ser His Ala His Gly His Ala  
1 5 10 15

His Ser His Gly Ser Pro Thr Gly Ala Ser Thr  
20 25

<210> 9  
<211> 12  
<212> PRT  
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His Ser His Ala His Gly His Ala His Ser His Gly  
1 5 10

<210> 10  
<211> 40  
<212> DNA  
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<220>  
<223> oligonucleotide  
<400> 10  
gcattggatt cgaattctta gctgaagcta aagtcttagc

<211> 34

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 11

gcattaaagct tctattcgct ttttgcggta gtag

34

<210> 12

<211> 69

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 12

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60

cgagcaccg

69

<210> 13

<211> 77

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 13

aattcggtgtc tcgcgccgt tgggttaccg tgggttggat ggtgtatgggt gtcgcgc

60

gttgggttac ccgagct

77

<210> 14

<211> 69

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 14

cgggttagccc aaccggcgcg agcaccggcg gtgggtggat cggcggttagc ccaaccggcg

60

cgagcaccg

69

<210> 15

<211> 77

<212> DNA

<213> Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 15

aattcgggtgc tcgcgccggt tgggctaccg ccgcaccac cagggccggt gtcgcgcccg 60  
gttgggctac ccgagct

77

&lt;210&gt; 16

&lt;211&gt; 33

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 16

gcattgaatt cgaccctc aaggactcg agg

33

&lt;210&gt; 17

&lt;211&gt; 33

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 17

gcattaagct tctactgctg aacggcgctg agc

33

&lt;210&gt; 18

&lt;211&gt; 69

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 18

cggtagcccc aaccggcgcg agcacccggca gcacccgtcc aagcggtagc ccaaccggcg  
cgagcaccg

60

69

&lt;210&gt; 19

&lt;211&gt; 77

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

&lt;400&gt; 19

aattcgggtgc tcgcgccggt tgggctaccg cttggaccgg tgctgccggt gtcgcgccc  
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60

77

&lt;210&gt; 20

<211> 63

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<220>

<223> oligonucleotide

<400> 20

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<210> 21

<211> 67

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 21

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ctacccg 67

<210> 22

<211> 56

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 22

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<210> 23

<211> 65

<212> DNA

<213> Artificial sequence

<220>

<223> oligonucleotide

<400> 23

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gact 65

<210> 24

<211> 75

<212> DNA

<213> Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

<400> 24  
cggtagccc aaccggcgcg agcacccacc atcaccatca ccatcaccat ggtagccaa 60  
ccggcgcgag caccg 75

&lt;210&gt; 25

&lt;211&gt; 83

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

<400> 25  
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gcgcggtttggctacccga gct 83

&lt;210&gt; 26

&lt;211&gt; 84

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

<400> 26  
cggtagccc aaccggcgcg agcacccata gccacgcgca tggccacgcg catagccacg 60  
gtagccaaac cggcgcgagc accg 84

&lt;210&gt; 27

&lt;211&gt; 92

&lt;212&gt; DNA

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; oligonucleotide

<400> 27  
aattcggtgtc tcgcgcgggt tggctacccg tggctatgcg cgtagccatg cgctggctta 60  
tgggtgctcg cgccggttgg gctacccgag ct 92

&lt;210&gt; 28

&lt;211&gt; 4

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; amino acid sequence

&lt;400&gt; 28

His His His His

1

<210> 29

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> amino acid sequence

<400> 29

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1 5

<210> 30

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> amino acid sequence

<400> 30

His His His His His His His  
1 5